Contents

Sedimentary	Geology.	Volume	65.	1989

Sealmentary Geology, Volume 65, 1969	
Review	
Terrestrial stromatolites and laminar calcretes: a review	
V.P. Wright (Reading, U.K.)	
Research Papers	
Neomorphism and cementation in ancient deep-water limestones, Cow Head Group (Cambro-Ordovician), western Newfoundland, Canada M. Coniglio (Waterloo, Ont., Canada)	
Detrital modes of sand and sandstone derived from andesitic rocks as a paleoclimatic indicator	
G.H. Mack (Las Cruces, N.M., U.S.A.) and T. Jerzykiewicz (Calgary, Alta., Canada)	
N. Eyles and S.P. Kocsis (Scarborough, Ont., Canada)	4
J.C. Lorenz (Albuquerque, N.M., U.S.A.) and C.A. Muir (Grand Junction, Colo., U.S.A.)	6
R.A. Davis, Jr., M. Andronaco and J.C. Gibeaut (Tampa, Fla., U.S.A.) Evolution of Atchafalaya lacustrine deltas, south-central Louisiana	8
R.S. Tye and J.M. Coleman (Baton Rouge, La., U.S.A.)	9
The Alpine Haselgebirge Formation, Northern Calcareous Alps (Austria): Permo-Scythian evaporites in an alpine thrust system	
C. Spötl (Bern, Switzerland)	
The geological significance of manganese distribution in Jurassic-Cretaceous rocks of the Pindos Basin, Peloponnese, Greece	
G. Pe-Piper (Halifax, N.S., Canada) and D.J.W. Piper (Dartmouth, N.S., Canada)	
Preservation of interdraa and plinth deposits by the lateral migration of large linear draas (Lower Permian Yellow Sands, northeast England)	
L.B. Clemmensen (Copenhagen, Denmark)	13
Flood deposits in the Tweed Esker (southern Ontario, Canada) J. Shulmeister (Kingston, Ont., Canada)	15
Peloidal fabrics in Upper Jurassic reefal limestones, Weald Basin, southern England S.Q. Sun and V.P. Wright (Reading, U.K.)	
Comparative studies of moment, graphic and phi measures on the sands of the East Coast beaches, India	
O.S. Chauhan and A.K. Chaubey (Goa, India)	18
Classification of poorly-sorted sedimentary rocks	
A.C.M. Moncrieff (Cambridge, U.K.)	19
Discussion	
Sedimentology and clast fabric of subaerial debris flow facies in a glacially-influenced alluvial fan—a discussion	
M. Church and J.M. Ryder (Vancouver, B.C., Canada)	
Reply to M. Church and J.M. Ryder's discussion of "Sedimentology and clast fabrics of subaerial debris flow facies in a glacially-influenced alluvial fan"	
N. Eyles and S.P. Kocsis (Scarborough, Ont., Canada)	19
Book Reviews	

Sand by R. Siever - K.J. Weber	201
Diagenesis, 1. Developments in Sedimentology, 41 edited by G.V. Chilingarian and K.H. Wolff—A.M. Evans	203
	200
Special Issue:	
Zoned Carbonate Cements: Techniques, Applications and Implications	
Edited by B.W. Sellwood	
Zoned calcite cements: has analysis outpaced interpretation? D. Emery (Sunbury-on-Thames, U.K.) and J.D. Marshall (Liverpool, U.K.)	205
The laser microprobe and its application to the study of C and O isotopes in calcite and aragonite P.C. Smalley, D.E. Stijfhoorn, A. Råheim, H. Johansen (Kjeller, Norway) and J.A.D. Dickson (Cambridge LLK)	211
bridge, U.K.) High-resolution scanning proton microprobe studies of micron-scale trace element zoning in a secondary dolomite: implications for studies of redox behaviour in dolomites	
D.G. Fraser, D. Feltham and M. Whiteman (Oxford, U.K.) Determination of both chemical and stable isotope composition in milligramme-size carbonate samples	223
M.L. Coleman, J.N. Walsh and R.A. Benmore (London, U.K.) Sector zoning in natural and synthetic calcites	233
R.J. Reeder and J. Paquette (Stony Brook, N.Y., U.S.A.) Fir-tree zoning: an indicator of pulsed crystallization in calcite cement crystals	239
M.J. Raven (Nottingham, U.K.) and J.A.D. Dickson (Cambridge, U.K.)	249
Cathodoluminescence of carbonate-cemented Holocene beachrock from the Togo coastline (West Africa): an approach to early diagenesis	
P. Amieux (Lyon, France), P. Bernier (Villeurbanne, France), R. Dalongeville and V. Medwecki (de) (Lyon, France)	261
A syndepositional meteoric phreatic lens in the Middle Jurassic Lincolnshire Limestone, England, U.K. D. Emery (Sunbury-on-Thames, U.K.) and J.A.D. Dickson (Cambridge, U.K.)	273
Dolomite calcitization and cement zonation related to uplift of the Raisbury Formation (Zechstein carbonate), northeast England	213
M.R. Lee and G.M. Harwood (Newcastle upon Tyne, U.K.)	285
K. Purvis (Reading, U.K.) Meteoric phreatic diagenesis in cyclic late Dinantian carbonates, northwest England	307
A.D. Horbury (London, U.K.) and A.E. Adams (Manchester, U.K.)	319
Origins of some Early Carboniferous calcrete fabrics revealed by cathodoluminescence: implications for interpreting the sites of calcrete formation	
V.P. Wright (Reading, U.K.) and C. Peeters (Heverlee, Belgium)	345
pian, New Mexico): insights from water-rock interaction modelling	
W.J. Meyers (Stony Brook, N.Y., U.S.A.)	355
ExpresSed	
Note on the maximum upward migration of pore water in response to sediment compaction	-
P. de Caritat (Canberra, A.C.T., Australia)	371

